

12. (new) Compounds comprising structures of the formulae II-III

A-B-D-C-D' (Formula (II))

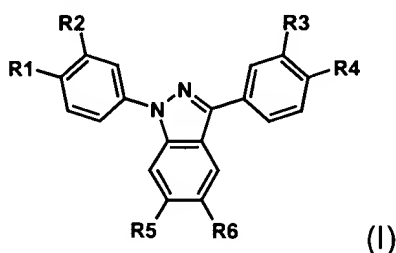
A-B-D- and -D'-C (Formula (III))

wherein

A is selected from the group consisting of functionalized polystyrene based resins, polyacrylamide based polymers, polystyrene/polydimethylacrylamide composites, PEGA resins, polystyrene-polyoxyethylene based supports, Tentagel resins, PEG-polystyrene graft polymeric supports, glass surfaces, functionalized surfaces, materials grafted with functionalized surfaces, and polyethyleneglycol;

B is a linker allowing cleavage of fluorescent conjugates of formula (II-III) for liberation of the D and C containing fragments;

C is a compound selected from formula (I)



wherein

one of the radicals R^1 or R^2 and one of the radicals R^3 or R^4 is hydrogen and the other is independently $-\text{COOH}$, $-\text{COOR}^7$, $-\text{CONH}_2$, $-\text{CONH}(\text{CH}_2)_n\text{OH}$, $-\text{CONR}^8\text{R}^9$, $-\text{CH}_2\text{OH}$, $-\text{CH}_2\text{NH}_2$, $-\text{NO}_2$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{NHCOR}^{12}$, Cl , Br , F , $-\text{CF}_3$, $-\text{N}=\text{C}=\text{O}$, $-\text{N}=\text{C}=\text{S}$, $-\text{SO}_3\text{H}$, $-\text{SO}_2\text{NH}(\text{CH}_2)_n\text{NH}_2$, $(\text{C}_1\text{-C}_4)$ alkyl, $(\text{C}_1\text{-C}_{16})$ -alkyl substituted at the terminal carbon with $-\text{COOH}$, $-\text{COOR}^7$, $-\text{CONH}_2$, $-\text{CONR}^8\text{R}^9$, $-\text{CONH}(\text{CH}_2)_n\text{OH}$, $-\text{CH}_2\text{OH}$, $-\text{CH}_2\text{NH}_2$, $-\text{N}=\text{C}=\text{O}$, $-\text{N}=\text{C}=\text{S}$, $-\text{SO}_3\text{H}$, $-\text{SO}_2\text{NH}(\text{CH}_2)_n\text{NH}_2$, $-\text{CONH}(\text{CH}_2)_n\text{NH}_2$, and the $-\text{NH}_2$ group could also be substituted by $(\text{C}_1\text{-C}_4)$ alkyl or a commonly used amino protecting group;

and one of the radicals R^5 or R^6 is hydrogen and the other is hydrogen, halogen, $-\text{NO}_2$, $-\text{NR}^{10}\text{R}^{11}$, $-\text{NHCOR}^{12}$, $(\text{C}_1\text{-C}_4)$ alkyl, $(\text{C}_1\text{-C}_{16})$ -alkyl substituted at the terminal carbon with $-\text{COOH}$, $-\text{COOR}^7$, $-\text{CONH}_2$, $-\text{CONR}^8\text{R}^9$, $-\text{CONH}(\text{CH}_2)_n\text{OH}$, $-\text{CH}_2\text{OH}$, $-\text{CH}_2\text{NH}_2$, $-\text{N}=\text{C}=\text{O}$, $-\text{N}=\text{C}=\text{S}$, $-\text{SO}_3\text{H}$, $-\text{SO}_2\text{NH}(\text{CH}_2)_n\text{NH}_2$, $-\text{CONH}(\text{CH}_2)_n\text{NH}_2$, wherein and the $-\text{NH}_2$ group could also be substituted by $(\text{C}_1\text{-C}_4)$ alkyl or a commonly used amino protecting group;

n is 2-8;

with the *proviso* that only one of R^1 - R^6 is nitro;

R^7 is a commonly used carboxyl protecting or carboxyl activating group;

R⁸ or R⁹ is hydrogen and the other is lower alkyl (C₁-C₄), phenyl, benzyl, or R⁸ and R⁹ are part of a 5 or 6 membered ring;

R¹⁰ and R¹¹ are independently hydrogen or (C₁-C₄)alkyl; and

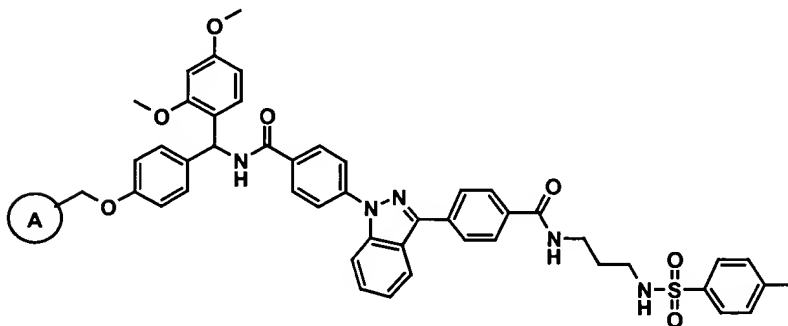
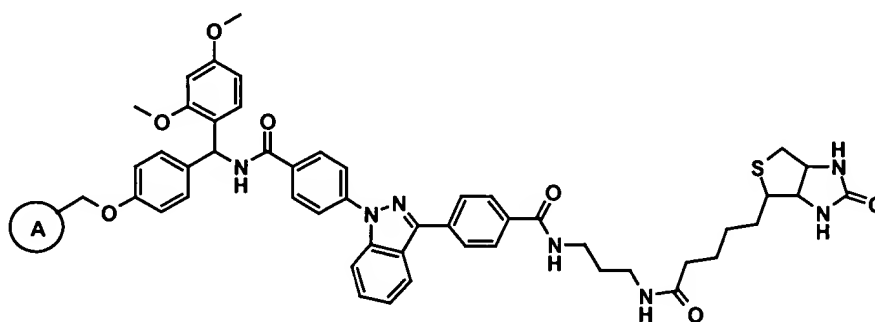
R¹² is (C₁-C₁₀)alkyl, phenyl, which both can be substituted by (C₁-C₄) alkyl, protected amino group or halogen; and

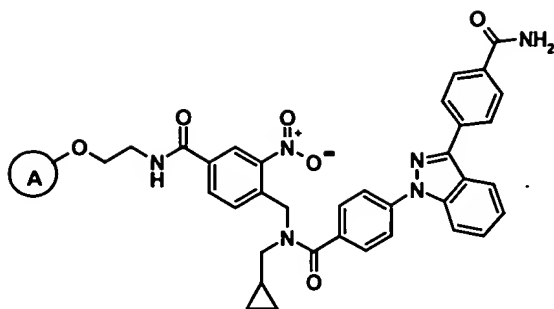
D and D' are independently a bond or a spacer selected from α,ω -diamino-alkanes, diaminocyclohexyl, bis-(aminomethyl)-substituted phenyl, α -amino- ω -hydroxy-alkanes, alkylamines, cyclic alkylamines or cyclic alkyldiamines or amino acids without or with additional functionality in the side chain.

13. (new) Compounds of claim 12, wherein

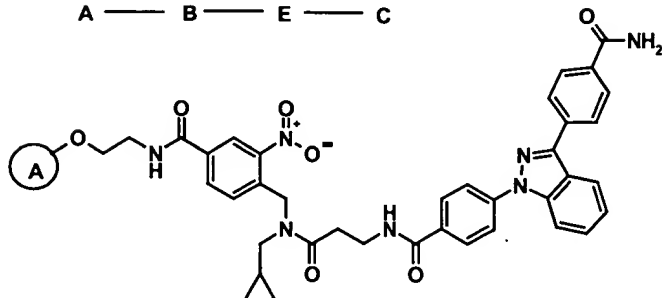
B is selected from benzyl, benzhydryl, benzhydrylidene, trityl, xanthenyl, benzoin, silicon, or allyl based linkers.

14. (new) Compounds of claim 12 of the following structures:





A — B — E — C



A — B — E — D' — C

A — B — D — E — C

15. (new) Compounds of claim 12 wherein the amino protecting group is *tert*-butoxycarbonyl, 9-fluorenylmethoxycarbonyl, phthalimido, trifluoroacetamido, methoxycarbonyl, ethoxycarbonyl, benzyloxycarbonyl, allyloxycarbonyl, 2,2,2-trichloroethoxycarbonyl, or 2-(trimethylsilyl)ethoxycarbonyl.

16 (new) Compounds of claim 12 wherein C is of the following structures:

